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CLAIM

What I claim as my invention is A spring loaded bracket system Brush Guard that is designed to be used on trucks with snow plows. My bracket system attaches the “clip on” brush guard on to an existing truck side snowplow push plates without the use of tools.

The side of the brush guard is a one continuous piece with a 1 inch hole to receive the end of the twist pin. The bottom of the brush guard slides into the snow plow push plates to reduce movement after both twist pins have been engaged. To disengage the twist pin pull and twist 1/4 turn and release. This action holds the twist pin in the disengaged position to mount or remove the brush guard. Engaging the twist pin by turning pin back in the opposite direction and releasing pin to slide through the spring housing , mounting bracket and to be received by the side plate . All engagement and disingagement is accomplished without the use of tools. Mounting and removing the brush guard is accomplished by simply pulling and twisting a pin .

The outside of the brush guard is (4) one piece creating the outside of bracket. The (5) inside is made up of a piece of “C” Channel welded on to the inside plates creating a channel to (6) receive the truck side mounting plates from the snow plow. On top of the “C” channel is (7) another piece of “C” channel that houses the spring and connecting (8) pin. Pull and one ¼ turn holds the pin in place out of the way to (6) receive the truck side mounting plates. One ¼ turn back releases the (9) pins to lock into place to hold the (3) brush guard on to the trucks existing truck side snow plow push

plates.

The Brush guard is designed to fit any vehicle with a snowplow, whether it is prior to quick-mount systems, meaning the old style, the plow frame stays on the truck or today's style where the plow frame comes off the with the plow and what you are left with on your truck is two push plates or brackets to receive the plow and frame. These brackets are very hard to remove and are made to stay on your truck even in warm weather. This makes for some unsightly pieces of metal protruding from your truck in a work where appearance is everything. I designed the brush guard to improve the appearance of the metal brackets and protect the grill and headlights of the vehicle it is on.

Some notable features of the brush guard are steel tubing making up the cross pieces with $\frac{1}{4}$ steel side plates on either side . The total width of brush guard will vary depending on what make and model of snowplow you have and the height will be determined by the vehicle. The receiver part (2) of the brush guard (the bottom of the brush guard that clips onto the snowplow brackets) clips on the truck using two spring loaded connecting pins when the brush guard is put into place you turn the pins and the brush guard is now mounted on your vehicle. The clip-on brush guard will also come with pre-drilled holes for headlight guards and fog lights. Color selection will be determined by the vehicle.